Index of Claims



Application/Control No.

10/820,830

Examiner

Tejash D. Patel

Applicant(s)/Patent under Reexamination

HUANG ET AL.

Art Unit

3765

| √ | Rejected |
|---|----------|
|   | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim Date             |            |          | _  | _            | Claim  |                |              |              |                 |          |          | _      | Claim Date |         |         |          |                |                 |          |             |     |                        |            |          |              |         |          |          |          |          |
|------------------------|------------|----------|--|--------------|--|----------------|--------------|--------------|-----------------|----------|----------|--------|------------|---------|---------|----------|----------------|-----------------|----------|-------------|-----|------------------------|------------|----------|--------------|---------|----------|----------|----------|----------|
| Ula Ula                | Claim Date |          |  |              |  | -              | Claim Date   |              |                 |          |          | -      | CI         |         | Date    |          |                |                 |          |             |     |                        |            |          |              |         |          |          |          |          |
| Final                  | Original   | 3/30/07  |  |              |  |                |              |              |                 |          | i        | Final  | Original   |         |         |          |                |                 |          |             |     | Final                  | Original   |          |              |         |          |          |          | -        |
|                        | 1          | 1        |  | <b>—</b>     | T  | T              | 1            | 1            | 1               |          |          |        | 51         |         | _       | $\top$   |                | П               |          |             | 1   |                        | 101        |          | $\top$       | 一       | $\neg$   | _        | 十        | _        |
|                        | 2          | 7        | 1  |              |  | T              | 1            | 1            | ı               |          |          |        | 52         | $\top$  | $\top$  | 1        |                |                 |          | 十           | 1   |                        | 102        | T.       | $\forall$    |         |          | 7        | $\top$   |          |
|                        | 3          | 7        | 1  | T            |  | 1              |              |              |                 |          |          |        | 53         | $\top$  |         | _        | _              | П               |          |             | 1   |                        | 103        |          | 寸            | 1       | T        | T        | 寸        |          |
|                        | 4          | V        | 1  |              |  |                | 1            | Т            |                 |          |          | $\neg$ | 54         | T       | 1       |          |                |                 |          |             | 7   |                        | 104        | $\neg$   | ヿ            |         | 寸        | $\neg$   | $\top$   | _        |
|                        | 5          | Ž        |  | П            |  | Ī              | Т            | Π            |                 |          |          |        | 55         |         |         |          |                |                 |          |             |     |                        | 105        |          | 7            |         | $\neg$   | 寸        | ヿ        | Т        |
|                        | *          | Г        | ]  | Π            |  |                |              |              |                 |          |          |        | 56         | $\neg$  |         | 1        |                |                 |          | T           |     |                        | 106        |          |              |         | T        | 一        | 十        | Т        |
|                        | 7          | Z        |  | П            |  |                | Т            |              |                 | П        |          |        | 57         |         | _       |          |                |                 | $\neg$   |             | 1   |                        | 107        |          |              | $\Box$  | $\neg$   | $\neg$   | T        |          |
|                        | 8          | V        | X  |              |  |                |              |              |                 | П        |          |        | 58         |         |         | T        |                |                 |          | $\neg$      |     |                        | 108        |          | Т            |         | $\neg$   | $\neg$   | $\top$   |          |
|                        | _9         | 7        |  |              |  |                |              |              |                 | П        |          |        | 59         |         | T       | T        | П              |                 | $\Box$   |             | 7   |                        | 109        |          | T            |         | 1        | T        | 丁        |          |
|                        | 10         |          |  |              |  |                |              |              |                 |          |          |        | 60         |         |         |          |                | П               |          |             | 7   |                        | 110        |          | $\top$       |         | $\neg$   | T        | T        |          |
|                        | 11         |          |  |              |  |                |              |              |                 |          |          |        | 61         |         |         | $\prod$  |                |                 |          |             | 7   |                        | 111        |          | T            |         |          | $\neg$   |          | _        |
|                        | 12         |          |  |              |  |                |              |              |                 |          |          |        | 62         |         |         |          |                |                 |          | $\Box \Box$ |     |                        | 112        |          |              |         |          | $\Box$   | $\Box$   |          |
|                        | 13         |          |  |              |  |                |              |              |                 |          |          |        | 63         |         | Ι       |          |                |                 |          |             |     |                        | 113        |          |              |         | $\Box$   | $\Box$   |          |          |
|                        | 14         | _        |  |              |  |                |              |              |                 |          |          |        | 64         |         |         |          |                |                 | $\Box$   |             | ]   |                        | 114        |          | floor        |         | $\Box$   | $\Box$   | $\Box$   |          |
|                        | 15         |          |  |              |  |                |              |              |                 |          |          |        | 65         |         |         |          |                |                 |          |             | ╛   |                        | 115        |          |              |         |          |          |          |          |
|                        | 16         |          | <u> </u>   | <u> </u>     |  |                |              | L            | L               |          |          |        | 66         |         | $\perp$ | <u> </u> |                |                 |          |             | _   |                        | 116        |          |              |         |          |          | $\perp$  |          |
| ļ                      | 17         |          | <u> </u>   | _            |  |                |              |              | L               |          |          |        | 67         | $\perp$ | 丄       |          | L              |                 |          |             | _   |                        | 117        |          |              | Ш       |          |          | $\perp$  |          |
|                        | 18         |          | <u> </u>   | L            |  | <u> </u>       |              | L            | L               | Ш        |          |        | 68         |         | $\perp$ | 1_       |                |                 |          |             |     |                        | 118        |          | ┙            | $\perp$ |          |          | $\perp$  |          |
|                        | 19         |          |  |              | <u> </u>   | <u> </u>       |              | <u> </u>     |                 | Ш        | L        |        | 69         |         |         | $\perp$  |                |                 |          |             |     |                        | 119        |          | $\perp$      |         |          |          | $\perp$  |          |
| <u></u>                | 20         | _        |  |              | L  | L              |              |              | L               |          | L        |        | 70         |         |         |          |                |                 |          |             | ╛   |                        | 120        |          | $\perp$      |         |          |          | $\perp$  |          |
|                        | 21         | L.       |  |              | <u> </u>   | _              | <u> </u>     | <u> </u>     | _               |          |          |        | 71         |         | $\perp$ |          |                |                 |          |             |     |                        | 121        |          | $\perp$      | $\perp$ |          | $\perp$  | $\perp$  |          |
|                        | 22         | _        |  | _            |  | L              | <u> </u>     | <u>L.</u>    |                 |          |          |        | 72         |         | ┸       |          |                |                 |          |             | 4   |                        | 122        |          | $\perp$      |         |          |          |          |          |
|                        | 23         | _        | _  | L.           | _  |                | L.           | _            |                 |          | L        |        | 73         |         |         | ↓_       | _              |                 |          |             | 1   |                        | 123        | _        | $\perp$      | _       |          | _        | 丄        |          |
|                        | 24         | _        | <u> </u>   |              | ╙  | L              | <u> </u>     |              |                 | Ш        | $\perp$  |        | 74         |         |         | 1_       |                | Ш               | _        |             | _   |                        | 124        |          | 4            | _       | 4        | 4        | _        |          |
|                        | 25         |          |  | _            | <u> </u>   | <u> </u>       | <u> </u>     | _            | L.              |          | $\perp$  |        | 75         |         |         | _        | <u> </u>       |                 | _        |             | 4   |                        | 125        |          | 4            | _       | 4        | 4        | _        |          |
|                        | 26         |          | <u> </u>   |              | _  | _              | L            | L            |                 | _        | $\perp$  |        | 76         |         |         | _        | _              | Щ               | _        |             | 4   |                        | 126        |          | $\downarrow$ | _       |          | _        | 4        |          |
|                        | 27         |          |  | <u> </u>     | _  | <u> </u>       |              |              |                 |          |          |        | 77         |         | 4       | 丄        |                | Щ               | _        |             | 4   |                        | 127        |          | 4            | _       | _        | 4        | _        |          |
|                        | 28         | _        | <u> </u>   | <u> </u>     | ┞-   | <u> </u>       | _            | _            |                 |          |          |        | 78         |         |         | ļ        |                | $\sqcup$        | _        | $\bot$      | 4   | L                      | 128        |          | 4            | _       | $\perp$  | 4        | 4        | _        |
| $\vdash$               | 29         |          | _  |              | <u> </u>   | <b>├</b>       | <u> </u>     | <u> </u>     |                 |          | <u> </u> |        | 79         | _       |         | -        | _              |                 | _        | _           | 4   | L                      | 129        |          | 4            | 4       | _        | 4        | 4        |          |
|                        | 30         |          | ┞—   | <u> </u>     | ┞  | <b> </b>       | _            | _            |                 |          | <u> </u> |        | 80         |         | _       | ↓_       | _              | _               | 4        |             | 4   |                        | 130        | _        | 4            | _       |          | _        | _        |          |
| <b>-</b>               | 31         |          |  | _            | _  | <u> </u>       | _            |              |                 |          | 4        |        | 81         |         |         | ╀        | <u> </u>       | $\Box$          | _        | _           | 4   | $\sqcup$               | 131        | _        | 4            | $\perp$ | $\dashv$ | -        | 4        | _        |
| <b>  </b>              | 32         |          | -  | <u> </u>     | ├_   | ├              | <del> </del> | <u> </u>     | $\vdash$        | _        | $\vdash$ |        | 82         | - -     | +       | ╄-       |                | ⊢∔              | $\dashv$ | $\dashv$    | -   | $\vdash \vdash \vdash$ | 132        | $\perp$  | $\perp$      | 4       |          | _        | $\dashv$ | _        |
|                        | 33<br>34   |          |  | -            | ₩.   | <b>├</b>       | $\vdash$     | ├-           | $\vdash$        | $\dashv$ |          |        | 83         | _       | +       | ╁        | $\vdash$       | $\vdash$        | $\dashv$ |             | 4   |                        | 133        |          | +            | +       | 4        | 4        | +        | 4        |
| -                      | 35         |          | -  | $\vdash$     | ├  | <del> </del> — | ├-           | -            | $\vdash$        |          | <u> </u> |        | 84         |         | +       | +        | $\vdash$       | $\vdash \vdash$ | $\dashv$ |             | -   | $\vdash \vdash \vdash$ | 134        | +        | +            | +       | -        | +        | +        | 4        |
| $\vdash$               | 36         |          | -  | ├            | ├-   | $\vdash$       | <b>├</b> —   | ├—           | $\vdash$        | _        | $\vdash$ |        | 85         | +       | +-      | ┼        | -              | $\sqcup$        | +        | - -         | 4   |                        | 135        |          | +            | +       |          | -+       | +        | 4        |
| $\vdash\vdash\vdash$   | 37         |          | -  | <u> </u>     | -  | -              | ├            |              | $\vdash$        | $\dashv$ | -        |        | 86         | -       | +-      | ┼-       |                | -               | $\dashv$ |             | 4   |                        | 136        | -        | +            | -       | +        | +        | +        | 4        |
| $\vdash$               | 38         | -        | -  | <u> </u>     | -  | -              | -            | <u> </u>     | Н               |          | $\vdash$ |        | 87         | -       | +       | +-       | -              | $\Box$          | -        |             | 4   |                        | 137        | +        | +            | +       | -        | +        | +        | 4        |
| $\vdash$               | 39         | _        | <del>  -</del>                                   | <del> </del> | Η-   | $\vdash$       | -            | <u> </u>     | Н               | $\dashv$ | -        |        | 88         | +       | +       | ┼        | Ш              | -               | $\dashv$ | -           | -   |                        | 138        |          | +            | -       | +        | +        | +        | 4        |
| $\vdash \vdash \vdash$ | 40         |          | -  | <del> </del> | <del>  -</del>                                   | -              | -            | <del> </del> |                 |          | -        | -   -  | 89         | +-      | +       | <u> </u> | <b></b>        |                 | -        | +           | 4   |                        | 139        | _        | +            | +       | +        | +        | +        | 4        |
| $\vdash\vdash\vdash$   | 41         |          | -  | H            | <del>                                     </del> | -              | $\vdash$     | <u> </u>     | $\vdash$        | $\dashv$ | -        | -   :  | 90         |         | +-      | +-       | Н              | $\dashv$        | $\dashv$ | - -         | 4   | <b>├</b> ─┤            | 140        |          | +            | +       | $\dashv$ | +        | -        | 4        |
| $\vdash$               | 42         | _        | $\vdash$   | <u> </u>     | ├-   | -              | -            | $\vdash$     | $\vdash$        | $\dashv$ | -        |        | 91         | +       | +       | $\vdash$ | Н              | $\dashv$        | $\dashv$ | - -         | 4   |                        | 141        |          | +            | -       | -        | -        | +        | 4        |
| -                      | 43         |          |  | <u> </u>     | ├  | -              | H            |              | $\vdash$        | $\dashv$ | .        |        | 92<br>93   | +       | +-      | +        | $\vdash\vdash$ |                 | $\dashv$ | - -         | ┥   | $\vdash$               | 142<br>143 | $\dashv$ | +            | +       | +        | +        | +        | 4        |
| $\vdash \vdash \vdash$ | 44         | _        | -  | -            | <del>                                     </del> | -              | $\vdash$     | $\vdash$     | - 1             | $\dashv$ | $\vdash$ |        | 94         | +       | +       | -        | $\vdash$       |                 | $\dashv$ | +           | ┨   |                        | 144        | +        | +            | +       |          | +        | +        | 4        |
| ├─┤                    | 45         | _        | $\vdash$   | -            | ⊢  | ┝              | -            | $\vdash$     | $\vdash$        |          | -        |        | 95         | +       | +       | -        | $\vdash$       | $\dashv$        | +        |             | ┨   |                        | 144        |          | +            | +       |          | +        | +        | $\dashv$ |
| $\vdash$               | 46         |          | <del>                                     </del> | -            | $\vdash$   | -              | H            | -            | $\vdash \dashv$ |          | $\vdash$ | +1     | 96         | +       | +       | $\vdash$ | $\vdash$       |                 | $\dashv$ |             | -   |                        | 145        | +        | +            | +       | -        | +        | +        | 4        |
| <del></del>            | 47         | -        | H  |              | H  | $\vdash$       | -            | -            | $\vdash$        | $\dashv$ | -        |        | 97         | +       | ╁       | $\vdash$ |                | $\dashv$        | +        | +-          | -   |                        | 147        | +        | +            | +       | +        | +        | +        | -        |
|                        | 48         | -        | Н  |              | $\vdash$   | $\vdash$       | $\vdash$     | -            | $\vdash$        | $\dashv$ | $\vdash$ |        | 98         | +-      | ╫       | +        | -              | +               | -+       | - -         | -   |                        | 148        | $\dashv$ | +            |         | +        | $\dashv$ | +        | 4        |
| <del></del>            | 49         | -        | Н  | $\vdash$     | -  | $\vdash$       | $\vdash$     | $\vdash$     | $\dashv$        | $\dashv$ | -        | +      | 99         | +-      | +       | $\vdash$ | $\dashv$       | $\dashv$        | $\dashv$ | +           | ۱ ا |                        | 149        | +        | +            | +       | +        | +        | +        | $\dashv$ |
| ├┤                     | 50         | $\dashv$ | $\vdash$   | -            | -  | $\vdash$       | $\vdash$     |              | $\dashv$        | $\dashv$ |          |        | 00         | +       | +-      | $\vdash$ |                | $\dashv$        | $\dashv$ |             | ┨   |                        | 150        |          | +            | +       | +        | +        | +        | $\dashv$ |
|                        |            |          | ш  |              | _  | Ц              | لــــا       |              |                 |          | L        |        | 00         | L       |         | ш        | $\sqcup$       |                 |          |             | ا ل |                        | 130        |          | _L           |         |          | $\perp$  | ᆚ        | $\perp$  |